

At page ~~21~~, line 30, after the amino acid sequence, insert -- (SEQ ID NO: 13) --;

At page ~~21~~, line 31, after the amino acid sequence, insert -- (SEQ ID NO: 14) --;

At page ~~21~~, line 32, after the amino acid sequence, insert -- (SEQ ID NO: 15) --;

At page ~~23~~, line 4, after the amino acid sequence, insert -- (SEQ ID NO: 16) --;

At page ~~23~~, line 5, after the amino acid sequence, insert -- (SEQ ID NO: 17) --;

At page ~~23~~, line 6, after the amino acid sequence, insert -- (SEQ ID NO: 18) --;

At page ~~23~~, line 7, after the amino acid sequence, insert -- (SEQ ID NO: 19) --;

At page ~~23~~, line 8, after the amino acid sequence, insert -- (SEQ ID NO: 20) --;

At page ~~23~~, line 9, after the amino acid sequence, insert -- (SEQ ID NO: 21) --;

At page ~~23~~, line 10, after the amino acid sequence, insert -- (SEQ ID NO: 22) --;

At page ~~23~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 23) --;

At page ~~23~~, line 14, after the amino acid sequence, insert -- (SEQ ID NO: 24) --;

At page ~~23~~, line 15, after the amino acid sequence, insert -- (SEQ ID NO: 25) --;

At page ~~23~~, line 16, after the amino acid sequence, insert -- (SEQ ID NO: 26) --;

At page ~~23~~, line 17, after the amino acid sequence, insert -- (SEQ ID NO: 27) --;

At page ~~23~~, line 18, after the amino acid sequence, insert -- (SEQ ID NO: 28) --;

At page ~~23~~, line 19, after the amino acid sequence, insert -- (SEQ ID NO: 29) --;

At page ~~23~~, line 23, after the amino acid sequence, insert -- (SEQ ID NO: 30) --;

At page ~~23~~, line 26, after the amino acid sequence, insert -- (SEQ ID NO: 31) --;

At page ~~25~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 32) --;

At page ~~26~~, line 26, after the amino acid sequence, insert -- (SEQ ID NO: 33) --;

At page ~~26~~, line 27, after the amino acid sequence, insert -- (SEQ ID NO: 34) --;

At page ~~26~~, line 28, after the amino acid sequence, insert -- (SEQ ID NO: 35) --;

At page ~~26~~, line 29, after the amino acid sequence, insert -- (SEQ ID NO: 36) --;

At page ~~28~~, line 8, after the amino acid sequence, insert -- (SEQ ID NO: 37) --;

At page ~~28~~, line 9, after the amino acid sequence, insert -- (SEQ ID NO: 38) --;

At page ~~28~~, line 10, after the amino acid sequence, insert -- (SEQ ID NO: 39) --;

At page ~~28~~, line 11, after the amino acid sequence, insert -- (SEQ ID NO: 40) --;

At page ~~28~~, line 12, after the amino acid sequence, insert -- (SEQ ID NO: 41) --;
At page ~~28~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 42) --;
At page ~~28~~, line 14, after the amino acid sequence, insert -- (SEQ ID NO: 43) --;
At page ~~28~~, line 15, after the amino acid sequence, insert -- (SEQ ID NO: 44) --;
At page ~~28~~, line 16, after the amino acid sequence, insert -- (SEQ ID NO: 45) --;
At page ~~28~~, line 17, after the amino acid sequence, insert -- (SEQ ID NO: 46) --;
At page ~~28~~, line 18, after the amino acid sequence, insert -- (SEQ ID NO: 47) --;
At page ~~28~~, line 19, after the amino acid sequence, insert -- (SEQ ID NO: 48) --;
At page ~~29~~, line 7, delete "6" and insert -- 5 --;
At page ~~29~~, line 25, after the amino acid sequence, insert -- (SEQ ID NO: 49) --;
At page ~~30~~, line 27, after the amino acid sequence, insert -- (SEQ ID NO: 50) --;
At page ~~30~~, line 30, after the amino acid sequence, insert -- (SEQ ID NO: 51) --;
At page ~~31~~, line 1, after the amino acid sequence, insert -- (SEQ ID NO: 31) --;
At page ~~31~~, line 4, after the amino acid sequence, insert -- (SEQ ID NO: 30) --;
At page ~~31~~, line 7, after the amino acid sequence, insert -- (SEQ ID NO: 52) --;
At page ~~31~~, line 10, after the amino acid sequence, insert -- (SEQ ID NO: 53) --;
At page ~~31~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 54) --;
At page ~~31~~, line 18, after the amino acid sequence, insert -- (SEQ ID NO: 55) --;
At page ~~31~~, line 19, after the amino acid sequence, insert -- (SEQ ID NO: 56) --;
At page ~~31~~, line 20, after the amino acid sequence, insert -- (SEQ ID NO: 56) --;
At page ~~31~~, line 21, after the amino acid sequence, insert -- (SEQ ID NO: 57) --;
At page ~~31~~, line 22, after the amino acid sequence, insert -- (SEQ ID NO: 58) --;
At page ~~31~~, line 23, after the amino acid sequence, insert -- (SEQ ID NO: 59) --;

At page ~~31~~, line 24, after the amino acid sequence, insert -- (SEQ ID NO: 60) --;
At page ~~31~~, line 25, after the amino acid sequence, insert -- (SEQ ID NO: 61) --;
At page ~~31~~, line 26, after the amino acid sequence, insert -- (SEQ ID NO: 62) --;
At page ~~31~~, line 27, after the amino acid sequence, insert -- (SEQ ID NO: 63) --;
At page ~~37~~, line 12, after the amino acid sequence, insert -- (SEQ ID NO: 56) --;

At page 37, line 14, after the amino acid sequence, insert -- (SEQ ID NO: 55) --;

At page 37, line 29, after the amino acid sequence, insert -- (SEQ ID NO: 62) --;

At page 37, line 30, after the amino acid sequence, insert -- (SEQ ID NO: 63) --;

At page 43, line 18, delete "[?]".

After Table 3 on page 52 and prior to the claims beginning on page 53, please insert the enclosed Sequence Listing, renumbering the pages as needed.

IN THE CLAIMS

Please amend the claims as follows:

8.(Amended) The method of claim 7 wherein the dopamine receptor is a D1 dopamine receptor and the peptide is selected from the group consisting of

- (a) ILTACFLSLLILSTLLGNTLVCAAV (SEQ ID NO: 9);
- (b) FFVISLAVSDLLVAVLVMPWKAVAEIA (SEQ ID NO: 10);
- (c) NIWVAFDIMCSTASILNLCVISVD (SEQ ID NO: 11);
- (d) AAFILISVAWTLISVLISFIPVQLSW (SEQ ID NO: 12);
- (e) TYAISSSVISFYIPVAIMIVTYTRI (SEQ ID NO: 13);
- (f) TLSVIMGVFVCCWLPFFILNCILPFC (SEQ ID NO: 14);
- (g) [FDSNT] FDVFVWFGWANSSLNPIYAFNAD (SEQ ID NO: 15) and
- (h) an effective analogue or fragment of (a) to (g).

9.(Amended) The method of claim 7 wherein the dopamine receptor is a D2 dopamine receptor and the peptide is selected from the group consisting of

- (a) ATLLTLLIAVIVFGNVLVCMAVS (SEQ ID NO: 1);
- (b) LIVSLAVADLLVATLMPWVVYLEVV (SEQ ID NO: 2);
- (c) IVFTLDVMMCTASILNLCAISI (SEQ ID NO: 3);
- (d) VTVMISIVWVLSFTISCPLLFLGL (SEQ ID NO: 4);
- (e) PAFVVYSSIVSFYVPFIVTLLVYI (SEQ ID NO: 5);
- (f) MLAIVLGVFIICWLPFFITHILN (SEQ ID NO: 6);